RBCC Minutes
December 5, 2005
Attachment A
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City of Red Bay Wastewater Discharge Permit Summary December 5, 2005

1.	Permit Renewal Draft	October, 2003		
2.	Draft Comment Period	November –December, 2003		
3.	Renewal Permit Final	January, 2004		
4.	First Testing for Fecal Coliform	January, 2004		
5.	First Fecal Violation Report	February, 2004		

- 6. Violations have been relatively regular since that time. Some variations in count (colonies/100ml) (1 part per billion) Permit Limit is 2000/100 ml daily max, 1000/100 ml average
- 7. Testing has been done on raw sewage from manholes in various parts of town to try to determine of a specific site is contributing to the problem. These tests have indicated there is not one source that is the problem.
- 8. The lagoon itself has some structural problems that we feel are contributing to the problem. The baffle system in the polishing pond is allowing the wastewater to short-circuit the system. The discharge control valves are also malfunctioning and causing fluctuations in the water levels. Short-term (5 years)
- 9. The solution to the problem is to take the following steps:
 - A. Repair/replace the existing baffle between the polishing ponds and repair/replace discharge control valves.
 - B. Add a chlorination/de-chlorination system to the existing polishing pond. A secondary benefit will be less algae which has also caused violations (suspended solids)
 - C. Work should be designed and out for bids by April or May 2006 and work should be done in June, July and August of 2006. ADEM should be notified.
- 10. The long-term solution to the problem is to plan, design and build a new wastewater treatment facility. The existing lagoon receives an average of 530,000 gallons per day. The wettest months of the year receive over 700,000 gallons per day (I & I). In addition the BOD loading of the facility averages about 2500 lbs./day (permit is for 2000 lbs./day) so the lagoon is already operating at or above both the hydraulic and biological capacity of the facility.

A new lagoon would require at least 40 acres of land and could cost in excess of \$2,000,000 excluding land costs.

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Red Bay Lagoon Chlorination/De-chlorination Project Preliminary Cost Estimate Dec. 2005

Item No.	Unit	Quantity	ltem	Unit Cost	Total Cost
	Offic	Quantity			
1	250	Cu.Yd.	Compacted Fill Material	\$8.00	\$2,000.00
2	1	Ea.	8' X 10' Precast Concrete Building	\$12,000.00	\$12,000.00
3	1	Ea.	MIOX Hypo Chlorination System w/Controls	\$28,000.00	\$28,000.00
4	1	Ea.	MIOX De-chlorination Systems w/Controls	\$22,000.00	\$22,000.00
5	1,000	L.F.	6" PVC Piping	\$12.00	\$12,000.00
6	1	Ea.	Discharge Control Valve	\$6,500.00	\$6,500.00
7	780	L.F.	Baffle Curtain	\$64.00	\$49,920.00
8	1	L.S.	Grassing and Erosion Control	\$1,500.00	\$1,500.00
			Subtotal Construction		\$133,920.00
			Engineering Design Inspection	\$12,450.00 <u>\$7,760.00</u>	<u>\$20,210.00</u>
			Total Project Cost		\$154,130.00

RBCC MINUTES
December 5., 2005

HELANIKINS AND RIDED

RECORD ENGINEERS & LAND STRYEYORS

Pit: 205/695-9137 • Fax: 205/695-9287 • E-MAIL: mail@hankinsreed.com 44750 Highway 17 • PO Box 527 • Vernon, Alabama 35592

CITY OF RED BAY STREET RESURFACING PROJECT - 2005 CDBG PROJECT NO. LR-CM-PF-02-008

BIDS RECEIVED ON DECEMBER 2, 2005 UNTIL 10:00 AM

CONTRACTOR	BASE BID	REMARKS
Tri-County Concrete Construction		AL Lic. # 17133
РО Вох 586	\$36.735.00	İ
Guin, AL 35563		
APAC-Southeast		AL Lic. # 17886
110 West 2nd Street	\$27,076.95	-
Muscle Shoals, AL 35661		
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Certified Connect - December 2. 2005

Heath Reed, PE



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McDOWELL & BEASON, P.C.

ATTORNEYS AT LAW

DANIEL G. McDOWELL EDDIE BEASON BRIAN HAMILTON 507 N. JACXSON
P.O. BOX 818
RUSSELLVILLE, ALABAMA 35653
TELEPHONE: (256) 332-1660
FAX #(256) 332-0318

JOE FINE OF COUNSEL

November 16 2005

VIA FAX AND U.S. MAIL

Linda Holcomb, Clerk City of Red Bay P.O. Box 2002 Red Bay, AL 35582

Dear Linda:

Enclosed please find a copy of a letter I received from Jeff Bowling, the attorney for the Red Bay Water Works and Gas Board. Please provide a copy of this letter to the Mayor all of the council members. Please bring this to the attention of the Mayor and have it placed on the agenda for the next regularly scheduled meeting, if he so desires.

Best regards,

Brian Hamilton

BH/jeb Enc. LAW OFFICES OF

BEDFORD, ROGERS & BOWLING, P.C.

P.O. BOX 669 RUSSELLVILLE, ALABAMA 35653 (256) 332-2880

ACBERT I. ROGERS, JR. ROGER H. BEDFORD, JR. DAVID NEAL JEFFREY L. BOWLING JOHN A. MCREYNOLDS IV 303 NORTH JACKSON AVENUE FAX NO. (256) 332-7821

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address

OF COUNSEL ROGER H. BEDFORD, SR.

WM. W. (BILL) BEDFORD (1923-1992)

Council

November 3, 2005

Hon. Brian Hamilton McDowell & Beason, P.C. Post Office Box 818 Russellville, Alabama 35653

(VIA FACSIMILE – HARD COPY TO FOLLOW)

RE: CITY OF RED BAY

Dear Brian:

I am sure you are aware the City of Red Bay has appointed Councilperson Ann Wilkins to serve on the Board of Directors for the Red Bay Water Works & Gas Board. Additionally, the City of Red Bay had previously appointed Councilperson Jeff Reid to serve on the Board of Directors for the Red Bay Water Works & Gas Board. On behalf of the Water Works & Gas Board I have been requested to contact you as attorney for the City of Red Bay and request that the City of Red Bay rescind said appointments. I am attaching hereto the Articles of Incorporation for the Water Works & Gas Board. Said Articles of Incorporation reflect that, "None of the members of the said board of directors shall be an officer of the Town of Red Bay". The Articles were amended in 1984 so as to allow for a 5 member board of directors rather than a 3 member board, but the prohibition against "officers of the Town of Red Bay" serving as a member of the Board of Directors was not removed. As stated above, the Red Bay Water Works & Gas Board, is requesting that during the Red Bay City Council meeting held on the 7th day of November, 2005, that the City rescind the appointments of Jeff Reid and Ann Wilkins to the Board of Directors of the Water Works & Gas Board, due to their being an officer of the Town of Red Bay. If the City Council decides that they do not wish to rescind said appointments, the Water Works & Gas Board plans to seek any and every remedy available to it to protect and uphoid its Articles of Incorporation.

by questions feel free to contact me at my office. If you have

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Yours try



